



194 707

STIC EIC 2100 Search Request Form

Today's Date:

7/5/06

What date would you like to use to limit the search?

Priority Date: 1/14/2004 Other:

Name Fred ElchivoyAU 2162 Examiner # 79719Room # 3B31 Phone 2-4034Serial # 10/756,874

Format for Search Results (Circle One):

☒ PAPER☐ DISK☐ EMAIL

Where have you searched so far?

☒ USP☐ DWPI☒ EPO☐ JPO☒ ACM☐ IBM TDB☒ IEEE☐ INSPEC☐ SPI

Other _____

Is this a "Fast & Focused" Search Request? (Circle One) ☒ YES ☐ NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES ☐ NO ☒

ADJUSTING A NUMBER OF DATABASE REPLICAS BASED
ON A DEFINED THRESHOLD VALUE:

- Monitoring operating condition associated with a database value
- associating a prestored threshold value associated with at least one operating condition
- Comparing operating condition with prestored threshold value
- adjusting number of database (Deleting or adding)

SEARCH PREP TIME: 93

TERMINAL TIME: 124

STIC Searcher LANCE SEACEYPhone 2-8666Date picked up 7/5/06Date Completed 7/5/06

Set	Items	Description
S1	25565490	(OPERAT???())CONDITION? ?) OR STATE? ? OR STATUS?? OR STAND- ING? ? OR PROGRESS??? OR PHASE? ? OR SITUATION? ? OR POSITION? ? OR MODE? ? OR STAGE? ?
S2	150723	(NUMBER? ? OR QUANTITY OR QUANTITIES OR AMOUNT? ? OR COUNT? ? OR SUM? ? OR TALLY OR TALLIES OR ITERATION? ? OR (HOW())MAN- Y)) (3N) (USER? ? OR OPERATOR? ? OR VIEWER? ? OR MARKETER? ? OR PARTICIPANT? ? OR CUSTOMER? ? OR CLIENT? ? OR BUYER? ? OR PUR- CHASER? ? OR
S3	6985	(AMOUNT OR QUANTITY OR (HOW()) (MUCH OR MANY))) (3N) (TRAFFIC - OR COMMUNICATION? ? OR INTERCHANG???)
S4	230990	CORRUPT??? OR COMPROMI??? OR FAILOVER OR FAILBACK OR FAIL?- ??() (OVER OR BACK)
S5	2139502	DATABASE? ? OR (DATA(W) (UNIT? ? OR BASE? ? OR BANK? ? OR S- ET? ?)) OR FILE? ? OR DBMS? ? OR RDB? ? OR DATASET? ? OR VLD- B? ? OR LDB? ? OR DATABANK? ? OR OODB? ? OR DB? ?
S6	117037	(S1 OR S2 OR S3 OR S4) (5N)S5
S7	4809	(MONITOR??? OR SCRUTINIZ????? OR AUDIT??? OR TRACK??? OR T- RAC??? OR WATCH??? OR LOG????? OR FOLLOW??? OR OBSERV?????) (5N-)S6
S8	695168	(PRESTOR??? OR PREDETERMIN??? OR STOR??? OR DETERMIN??? OR DEFIN????? OR ESTABLISH????? OR PREDEFIN????? OR PREDETERMIN??- ??? OR PREESTABLISH????? OR PRESCRI????? OR PRESET???) (3N) (THR- ESHOLD OR LIMIT????? OR SUFFICIENT?? OR LEVEL? ? OR EXCEED??? OR EXCESS???)
S9	197458	(S1 OR S2 OR S3 OR S4) (5N)S8
S10	18710	(BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR DUPLICAT? OR REP- LICA? OR SNAPSHOT?? OR SNAP()SHOT? ? OR CLON???) (3N)S5
S11	88413	(PORTION? ? OR PART? ? OR AREA? ? OR REGION? ? OR DESIGNAT- ??? OR GROUP??? OR SECTION??? OR DIVI????????? OR SUBDIVI????????? OR EXTRACT??? OR SEGMENT?????? OR PARTIT?????? OR ROW? ? OR CO- LUMN? ? OR TABLE? ? OR ARRAY? ? OR TILE? ? OR UNIT? ? OR BLOC- K? ?) (3N)S5
S12	16087516	ADJUST????? OR MODIF? OR EDIT? OR ALTER? OR CHANG? OR READJ- UST????? OR RECONFIGUR??? OR CONFIGUR????? OR ADAPT?????? OR CUS- TOMIZ????? OR CONVERS??? OR CONVERT??? OR RE()FORMAT??? OR MAN- IPULAT??? OR REPLAC? OR SUBSTITUT??? OR REVIS??? OR UPDAT??? - OR UP(W)DAT???)
S13	4478710	DELET??? OR ERAS??? OR ELIMINAT??? OR REMOV? OR PURG? OR R- ID? OR CLEAR? OR CLEAN? OR DISCARD???)
S14	14930422	ADD????????? OR APPEND OR APPENDING OR APPENDED OR ATTACH??? OR JOIN??? OR LINK??? OR ANOTHER OR SECOND??? OR EXTRA OR AUG- MENT?????? OR SUBSEQUENT??)
S15	9610	(S12 OR S13 OR S14) (5N) (S10 OR S11)
S16	4	S7 AND S8 AND S9 AND S15
S17	179	((S7 AND S8 AND S9) OR (S8 AND S9 AND S15)) NOT S16
S18	63	S17 AND (S5 OR BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR D- UPLICAT? OR REPLICA? OR SNAPSHOT?? OR SNAP()SHOT? ? OR CLON??- ?) /TI
S19	41	RD (unique items)
S20	36	S19 AND (PY<2004 OR PD<20040114)
S21	7	(S17 AND (S5(10N) (BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR DUPLICAT? OR REPLICA? OR SNAPSHOT?? OR SNAP()SHOT? ? OR CLON?- ??) (10N)NETWORK? ?)) NOT (S16 OR S20)
S22	0	AU=((ALTA F? OR ALTA F, F?) AND (RAVI K? OR RAVI, K?) AND - (REYNOLDS M? OR REYNOLDS, M?))
S23	12	AU=(ALTA F? OR ALTA F, F? OR RAVI K? OR RAVI, K? OR REYNOL- DS M? OR REYNOLDS, M?) AND S5 AND (BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR DUPLICAT? OR REPLICA? OR SNAPSHOT?? OR SNAP()SH- OT? ? OR CLON???)

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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 636:Gale Group Newsletter DB(TM) 1987-2006/Jun 30
(c) 2006 The Gale Group
?

BIBLIOGRAPHIC
NPL/NPL
INVENTOR

4833504 NUMBER? ?
 579964 QUANTITY
 323676 QUANTITIES
 1682287 AMOUNT? ?
 654421 COUNT? ?
 323888 SUM? ?
 8670 TALLY
 1791 TALLIES
 128315 ITERATION? ?
 2157902 HOW
 2743811 MANY
 46931 HOW(W)MANY
 1448461 USER? ?
 795083 OPERATOR? ?
 50416 VIEWER? ?
 52519 MARKETER? ?
 394859 PARTICIPANT? ?
 899423 CUSTOMER? ?
 381237 CLIENT? ?
 179152 BUYER? ?
 24563 PURCHASER? ?
 708955 CONSUMER? ?
 20491 SHOPPER? ?
 1708049 INDIVIDUAL? ?
 592350 PERSON? ?
 776 ENDUSER? ?
 S2 150723 (NUMBER? ? OR QUANTITY OR QUANTITIES OR AMOUNT? ? OR
 COUNT? ? OR SUM? ? OR TALLY OR TALLIES OR ITERATION? ? OR
 (HOW()MANY)) (3N) (USER? ? OR OPERATOR? ? OR VIEWER? ? OR
 MARKETER? ? OR PARTICIPANT? ? OR CUSTOMER? ? OR CLIENT? ?
 OR BUYER? ? OR PURCHASER? ? OR CONSUMER? ? OR SHOPPER? ?
 OR INDIVIDUAL? ? OR PERSON? ? OR ENDUSER? ?)

1752 PRESTOR???
 48251 PREDETERMIN???
 2274308 STOR???
 5605895 DETERMIN???
 2329073 DEFIN?????
 2158683 ESTABLISH????
 26510 PREDEFIN?????
 49736 PREDETERMIN?????
 890 PREESTABLISH????
 240155 PRESCRI?????
 16451 PRESET???
 585757 THRESHOLD
 3306957 LIMIT?????
 838865 SUFFICIENT??
 5603644 LEVEL? ?
 506554 EXCEED???
 614618 EXCESS???
 1241688 BOUNDARY
 441507 BOUNDARIES
 8494 BRINK? ?
 853258 EDGE? ?
 3197885 POINT? ?
 16987 VERGE? ?
 307569 BASELIN???
 171858 BENCHMARK???
 1652187 BASE
 6989294 LIN???
 14724 BASE (W) LIN???
 59348 BENCH
 3514129 MARK???
 3432 BENCH (W) MARK???
 1608656 PROFIL???
 391897 PROTOTYPE???
 388329 IDEAL? ?
 9391973 MODEL? ?
 S8 695168 (PRESTOR??? OR PREDETERMIN??? OR STOR??? OR DETERMIN???
 OR DEFIN????? OR ESTABLISH???? OR PREDEFIN????? OR
 PREDETERMIN????? OR PREESTABLISH???? OR PRESCRI????? OR
 PRESET???) (3N) (THRESHOLD OR LIMIT????? OR SUFFICIENT?? OR
 LEVEL? ? OR EXCEED??? OR EXCESS??? OR BOUNDARY OR
 BOUNDARIES OR BRINK? ? OR EDGE? ? OR POINT? ? OR VERGE? ?
 OR BASELIN??? OR BENCHMARK??? OR BASE()LIN??? OR
 BENCH()MARK??? OR PROFIL??? OR PROTOTYPE??? OR IDEAL? ?
 OR MODEL? ?)

20/9/32 (Item 2 from file: 35)
DIALOG(R) File 35:Dissertation Abs Online
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01293056 ORDER NO: AAD93-15916
ON CONCEPTUAL DESIGN OF ACTIVE DATABASES (DATABASES)
Author: TANAKA, ASTERIO KIYOSHI
Degree: PH.D.
Year: 1992
Corporate Source/Institution: GEORGIA INSTITUTE OF TECHNOLOGY (0078)
Director: SHAMKANT B. NAVATHE
Source: VOLUME 54/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 339. 182 PAGES
Descriptors: COMPUTER SCIENCE; INFORMATION SCIENCE
Descriptor Codes: 0984; 0723

An active database management system (DBMS) is a system with full database functionality plus the additional capabilities of **monitoring** the **state** of the **database** and executing some predefined actions when appropriate events are detected. Although this is a well-established research area, and a few commercial relational DBMSs already support some active capabilities, no support for conceptual modeling and design of active database behavior is currently provided to take advantage of the new capabilities. The current database design methodology forces the user to defer major modeling decisions concerning the active behavior of the database to late stages of the design process, where the semantics of the real-world situations are obscured by the intricacies of the implementation model.

This research addresses the conceptual design problem by incorporating active database behavior into the Entity-Relationship (ER) model, in the form of events and rules. The resulting Entity-Relationship-Event-Rule (ER)² model provides an extended architecture of tools for assisting the database designer in the task of specifying, analyzing, and translating active behavior into executable data definition statements in specific relational DBMSs. Meta-behaviors are identified that automatically enforce invariant properties of the **model**, along with user-**defined** integrity constraints. A high-level Petri net, e/r-net, whose places are events, transitions are rules, and net inscriptions are (ER)² schema definitions is proposed as an analysis tool for validating the active behavior design. A prototype implementation of the extended architecture is described that takes advantage of the meta-data about the design process generated during the schema translation.

The following benefits result from the extended data modeling and database design methodology: reduced database design and application development effort with the automatic generation of meta-behavior and translation of active behavior into executable DBMS language constructs; better control of the development of database applications by introducing precision in the specification of active behavior; and better quality of the overall design, with an interactive environment capturing the knowledge of application experts and automatically dealing with the DBMS constraints.
?

Set	Items	Description
S1	1638394	DATABASE? ? OR (DATA(W) (UNIT? ? OR BASE? ? OR BANK? ? OR S- ET? ?)) OR FILE? ? OR DBMS? ? OR RDB? ? OR DATASET? ? OR VLD- B? ? OR LDB? ? OR DATABANK? ? OR OODB? ? OR DB? ?
S2	44	((AUTONOMIC OR (SELF()MANAG????)) (3N)S1) AND (PY<2004 OR PD<- 20030114)

? show files

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File 350:Derwent WPIX 1963-2006/UD,UM &UP=200642
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2/9/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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08531028 INSPEC Abstract Number: C2003-03-6160D-008

Title: A smarter DB2 [database automation]

Author(s): Lightstone, S.S.; Lohman, G.M.; Smith, B.F.; Horman, R.; Teng, J.

Author Affiliation: IBM Canada Toronto Lab., Ont., Canada

Journal: DB2 Magazine vol.7, no.4 p.32-41

Publisher: Miller Freeman,

Publication Date: 2002 Country of Publication: USA

CODEN: DBMAF5

Material Identity Number: G132-2002-004

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: IBM puts DB2 on a path toward self maintenance that promises to help DBAs stay on top of their workloads. The DB2 SMART project aims to create technology for reducing human intervention and cost in DB2 operation. It builds on and extends existing self - managing technologies in DB2 and will result in a DB2 that can: Adjust every configuration parameter dynamically while the system is in use; expand and shrink memory usage, based on workload; automatically profile workloads and recommend and create indexes, partitioning, clustering, summary tables, and so on to improve performance; automatically detect the need for, estimate the duration of, and schedule maintenance operations such as reorganization, statistics collection, backup, copy, and rebind; observe actual performance and exploit that information to improve operations; recommend action when the performance isn't meeting the DBAs expectations and predict problems such as low memory or constrained disk space and notify someone by page or email in advance.

Subfile: C

Descriptors: data mining; database indexing; query processing; relational databases; resource allocation; transaction processing

Identifiers: autonomic computing; DB2 SMART project; self-managing technologies; configuration parameter; memory usage; partitioning; clustering; summary tables; maintenance operations; reorganization; statistics collection; backup; copy; rebind; constrained disk space

Class Codes: C6160D (Relational databases); C6120 (File organisation); C6130 (Data handling techniques); C6170K (Knowledge engineering techniques)

Copyright 2003, IEE

Set	Items	Description
S1	5668004	(OPERAT???())CONDITION? ?) OR STATE? ? OR STATUS?? OR STAND- ING? ? OR PROGRESS??? OR PHASE? ? OR SITUATION? ? OR POSITION? ? OR MODE? ? OR STAGE? ?
S2	44511	(NUMBER? ? OR QUANTITY OR QUANTITIES OR AMOUNT? ? OR COUNT? ? OR SUM? ? OR TALLY OR TALLIES OR ITERATION? ? OR (HOW())MAN- Y)) (3N) (USER? ? OR OPERATOR? ? OR VIEWER? ? OR MARKETER? ? OR PARTICIPANT? ? OR CUSTOMER? ? OR CLIENT? ? OR BUYER? ? OR PUR- CHASER? ? OR
S3	4299	(AMOUNT OR QUANTITY OR (HOW()) (MUCH OR MANY))) (3N) (TRAFFIC - OR COMMUNICATION? ? OR INTERCHANG???)
S4	7484	CORRUPT??? OR COMPROMI??? OR FAILOVER OR FAILBACK OR FAIL?- ??() (OVER OR BACK)
S5	361156	DATABASE? ? OR (DATA(W) (UNIT? ? OR BASE? ? OR BANK? ? OR S- ET? ?)) OR FILE? ? OR DBMS? ? OR RDB? ? OR DATASET? ? OR VLD- B? ? OR LDB? ? OR DATABANK? ? OR OODB? ? OR DB? ?
S6	21930	(S1 OR S2 OR S3 OR S4) (5N)S5
S7	1010	(MONITOR??? OR SCRUTINIZ????? OR AUDIT??? OR TRACK??? OR T- RAC??? OR WATCH??? OR LOG???? OR FOLLOW??? OR OBSERV?????) (5N-)S6
S8	317171	(PRESTOR??? OR PREDETERMIN??? OR STOR??? OR DETERMIN??? OR DEFIN????? OR ESTABLISH????? OR PREDEFIN????? OR PREDETERMIN??- ??? OR PREESTABLISH????? OR PRESCRI????? OR PRESET???) (3N) (THR- ESHOLD OR LIMIT????? OR SUFFICIENT?? OR LEVEL? ? OR EXCEED??? OR EXCESS???)
S9	28352	(S1 OR S2 OR S3 OR S4) (5N)S8
S10	5447	(BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR DUPLICAT? OR REP- LICA? OR SNAPSHOT?? OR SNAP()SHOT? ? OR CLON???) (3N)S5
S11	63984	(PORTION? ? OR PART? ? OR AREA? ? OR REGION? ? OR DESIGNAT- ??? OR GROUP??? OR SECTION??? OR DIVI????????? OR SUBDIVI????????? OR EXTRACT??? OR SEGMENT????? OR PARTIT????? OR ROW? ? OR CO- LUMN? ? OR TABLE? ? OR ARRAY? ? OR TILE? ? OR UNIT? ? OR BLOC- K? ?) (3N)S5
S12	5189373	ADJUST????? OR MODIF? OR EDIT? OR ALTER? OR CHANG? OR READJ- UST????? OR RECONFIGUR??? OR CONFIGUR????? OR ADAPT????? OR CUS- TOMIZ????? OR CONVERS??? OR CONVERT??? OR RE()FORMAT??? OR MAN- IPULAT??? OR REPLAC? OR SUBSTITUT??? OR REVIS??? OR UPDAT??? - OR UP(W)DAT???)
S13	3260990	DELET??? OR ERAS??? OR ELIMINAT??? OR REMOV? OR PURG? OR R- ID? OR CLEAR? OR CLEAN? OR DISCARD???)
S14	6865122	ADD????????? OR APPEND OR APPENDING OR APPENDED OR ATTACH??? OR JOIN??? OR LINK??? OR ANOTHER OR SECOND??? OR EXTRA OR AUG- MENT????? OR SUBSEQUENT??)
S15	13722	(S12 OR S13 OR S14) (5N) (S10 OR S11)
S16	2	S7 AND S8 AND S9 AND S15
S17	90	((S7 AND S8 AND S9) OR (S8 AND S9 AND S15)) NOT S16
S18	46	S17 AND (S5 OR BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR D- UPPLICAT? OR REPLICAT? OR SNAPSHOT?? OR SNAP()SHOT? ? OR CLON??- ?) /TI
S19	33	S18 NOT AD=(20030114:20060705)
S20	28711	((S7 AND S8) OR (S8 AND S9) OR (S9 AND S15) OR (S7 AND S9) OR (S7 AND S15) OR (S8 AND S15)) NOT (S16 OR S19)
S21	179	S20 AND (IC=(G06F-007/00) OR MC=T01)
S22	1	S21 AND (S5(10N) (BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR - DUPLICAT? OR REPLICAT? OR SNAPSHOT?? OR SNAP()SHOT? ? OR CLON?- ??) (10N)NETWORK? ?)
S23	1	(AU=(ALTA F? OR ALTA F, F? OR RAVI K? OR RAVI, K? OR REYNO- LDS M? OR REYNOLDS, M?) AND S5 AND (BACK?(3N)UP? ? OR BACKUP? ? OR COP??? OR DUPLICAT? OR REPLICAT? OR SNAPSHOT?? OR SNAP()S- HOT? ? OR CLON???) NOT (AD=(20030114:20060705) OR S16 OR S19 OR S22)

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File 350: Derwent WPIX 1963-2006/UD, UM & UP=200642

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BIBLIOGRAPHIC
PATENT/PATENT
INVENTOR

1623727 NUMBER? ?
 438383 QUANTITY
 55570 QUANTITIES
 1106269 AMOUNT? ?
 127175 COUNT? ?
 136310 SUM? ?
 593 TALLY
 130 TALLIES
 3513 ITERATION? ?
 21108 HOW
 172869 MANY
 3056 HOW(W)MANY
 637154 USER? ?
 206829 OPERATOR? ?
 17449 VIEWER? ?
 151 MARKETER? ?
 8164 PARTICIPANT? ?
 73067 CUSTOMER? ?
 68018 CLIENT? ?
 5573 BUYER? ?
 6993 PURCHASER? ?
 37723 CONSUMER? ?
 841 SHOPPER? ?
 283691 INDIVIDUAL? ?
 251483 PERSON? ?
 10 ENDUSER? ?
 S2 44511 (NUMBER? ? OR QUANTITY OR QUANTITIES OR AMOUNT? ? OR
 COUNT? ? OR SUM? ? OR TALLY OR TALLIES OR ITERATION? ? OR
 (HOW()MANY)) (3N) (USER? ? OR OPERATOR? ? OR VIEWER? ? OR
 MARKETER? ? OR PARTICIPANT? ? OR CUSTOMER? ? OR CLIENT? ?
 OR BUYER? ? OR PURCHASER? ? OR CONSUMER? ? OR SHOPPER? ?
 OR INDIVIDUAL? ? OR PERSON? ? OR ENDUSER? ?)

9313 PRESTOR???
 918320 PREDETERMIN???
 2048145 STOR???
 963732 DETERMIN???
 620678 DEFIN?????
 171417 ESTABLISH????
 42779 PREDEFIN?????
 919077 PREDETERMIN?????
 388 PREESTABLISH????
 491327 PRESCRI?????
 276625 PRESET???
 183382 THRESHOLD
 525910 LIMIT?????
 439423 SUFFICIENT??
 953186 LEVEL? ?
 270261 EXCEED???
 244252 EXCESS???
 110315 BOUNDARY
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 82 BRINK? ?
 1000771 EDGE? ?
 1105852 POINT? ?
 1805 VERGE? ?
 4004 BASELIN???
 515 BENCHMARK???
 1576318 BASE
 2435002 LIN???
 4870 BASE (W) LIN???
 13766 BENCH
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 294 BENCH (W) MARK???
 218320 PROFIL???
 16368 PROTOTYPE???
 20546 IDEAL? ?
 127969 MODEL? ?
 S8 317171 (PRESTOR??? OR PREDETERMIN??? OR STOR??? OR DETERMIN???
 OR DEFIN????? OR ESTABLISH????? OR PREDEFIN????? OR
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 PRESET???) (3N) (THRESHOLD OR LIMIT????? OR SUFFICIENT?? OR
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 BOUNDARIES OR BRINK? ? OR EDGE? ? OR POINT? ? OR VERGE? ?
 OR BASELIN??? OR BENCHMARK??? OR BASE()LIN??? OR
 BENCH()MARK??? OR PROFIL??? OR PROTOTYPE??? OR IDEAL? ?
 OR MODEL? ?)

16/5/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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017207947 **Image available**
WPI Acc No: 2005-531564/200554
XRPX Acc No: N05-435160

Adjustment method of database replicas in server of communication system, involves adjusting multiple copies of database, based on comparison between value representing monitored operating condition and prestored threshold value

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: ALTAF F; RAVI K; REYNOLDS M J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050154697	A1	20050714	US 2004756874	A	20040114	200554 B

Priority Applications (No Type Date): US 2004756874 A 20040114

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20050154697	A1	12	G06F-007/00	

US 20050154697 A1 12 G06F-007/00

Abstract (Basic): US 20050154697 A1

NOVELTY - The method involves monitoring operating conditions associated with a database, and accessing a prestored threshold value associated with the operating conditions. A value representing the monitored operating conditions is compared with the prestored threshold value, and multiple copies of the database is adjusted accordingly.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) article comprising machine readable storage medium containing instructions for adjusting multiple database replicas;

(2) apparatus for adjusting multiple database replicas; and

(3) system for adjusting multiple database replicas.

USE - For adjusting multiple database replicas of database in server, using desktop computer, laptop computer, mainframe computer, portable electronic device and internet appliance connected to network such as internet, local area network (LAN), wide area network (WAN) and intranet, in communication system used in company.

ADVANTAGE - Enables adjusting multiple database replicas that are accessible based on defined threshold value, effectively thereby reducing burden of managing databases reliably.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating the adjustment of the database replicas.

pp; 12 DwgNo 2/4

Title Terms: ADJUST; METHOD; DATABASE; REPLICA; SERVE; COMMUNICATE; SYSTEM; ADJUST; MULTIPLE; COPY; DATABASE; BASED; COMPARE; VALUE; REPRESENT; MONITOR; OPERATE; CONDITION; THRESHOLD; VALUE

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

?

Set	Items	Description
S1	361156	DATABASE? ? OR (DATA(W) (UNIT? ? OR BASE? ? OR BANK? ? OR S- ET? ?)) OR FILE? ? OR DBMS? ? OR RDB? ? OR DATASET? ? OR VLD- B? ? OR LDB? ? OR DATABANK? ? OR OODB? ? OR DB? ?
S2	4	((AUTONOMIC OR (SELF()MANAG????)) (3N)S1) NOT AD=(20030114:- 20060705)

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File 350:Derwent WPIX 1963-2006/UD,UM &UP=200642
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comparing operating condition and threshold v

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The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

Web Results **31 - 40** of about **2,290,000** for **comparing operating condition and threshold value and adjust**

[\[PDF\] Autonomic Provisioning of Backend Databases in Dynamic Content Web ...](#)

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high **threshold value** (HighSLAThreshold) to detect immi- ... quest to **adjust** the number of **databases** to the proper number. of **databases** for this application ...

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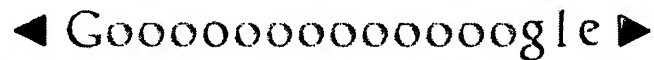
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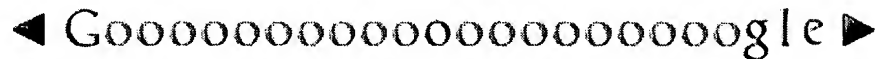
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